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No. 422

DEPARTMENT OF COMMERCE  
BUREAU OF STANDARDS  
George K. Burgess, Director

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[Issued November 11, 1926]

UNITED STATES GOVERNMENT MASTER SPECIFICATION FOR  
TOWELS HUCK (WITH WOVEN NAME)

FEDERAL SPECIFICATIONS BOARD SPECIFICATION No. 422

This specification was officially promulgated by the Federal Specifications Board on July 9, 1926, for the use of the departments and independent establishments of the Government in the purchase of towels, huck (with woven name).

[The latest date on which the technical requirements of this specification shall become mandatory for all departments and independent establishments of the Government is October 9, 1926. They may be put into effect, however, at any earlier date after promulgation.]

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I. GENERAL SPECIFICATIONS

United States Government general specification for textile materials, Federal Specifications Board specification No. 345, in effect on date of proposal, shall form part of this specification.

## II. TYPE AND GRADE

The type of towel shall be known as "huck." The towel shall be of one grade only and that grade shall be known commercially as "firsts."

## III. MATERIAL

The towels shall be made of cotton thoroughly cleaned and shall be free from avoidable imperfections of manufacture.

## IV. GENERAL REQUIREMENTS

See Detail requirements.

## V. DETAIL REQUIREMENTS

1. **WEAVE.**—The weave shall be that known as huck.

A stripe 1 inch wide of about 76 blue ends shall be woven through the center of the towel for the weaving of the following white block letters, three-fourth inches high—United States Government. These block letters shall extend to within approximately 1 inch of the end border described below. The towel shall be woven with fast selvages. At each end there shall be a plain woven border about 2 inches, including a hem of approximately one-fourth inch back-stitched at the corners.

2. **WIDTH AND LENGTH.**—The finished size of the towels shall be 17 inches wide and 32 inches long with a tolerance of plus or minus of 2 per cent.

3. **WEIGHT.**—The finished weight of the towels shall be 2.30 pounds per dozen. A minus tolerance of 2 per cent and any plus tolerance will be permitted.

4. **THREADS PER INCH.**—There shall not be less than 52 ends of 2-ply yarn per inch in the warp and not less than 26 picks of 2 yarns per inch in the filling. A 2-ply yarn with a slight amount of ply twist can be used in place of the 2 single yarns in the filling if desired.

5. **SIZING.**—The towels shall not contain more than 5 per cent of sizing materials.

6. **COLOR.**—The blue color in the stripe shall show fair fastness to washing. The towels shall be half bleached.

## VI. METHODS OF TEST

From each delivery of 50 dozen or fraction thereof a sample of not more than two towels shall be taken at random for test purposes.

## VII. PACKING AND MARKING

Unless otherwise specified the towels shall be well wrapped in packages of two dozen each.

## VIII. NOTES

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